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Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/820,679-Conf. #8534
				Filing Date	April 8, 2004
				First Named Inventor	Ian Hunter
				Art Unit	1797
				Examiner Name	A. Soderquist
Sheet	1	of	4	Attorney Docket Number	65689CPDV(43382)

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/AS/	AA*	US-5,641,864	06-24-1997	Gelfand	
↓	AB*	US-20010046702	11-29-2001	Schembri	
	AC*	US-20020176804	11-28-2002	Strand et al.	
/AS/	AD*	US-20030003036	01-02-2003	Rouleau et al.	
	AE*	US-20030064507	04-03-2003	Gallagher et al.	
	AF*	US-20040100703	06-10-2004	McNulty et al.	
	AG*	US-20040141880	07-22-2004	Handler et al.	
	AH*	US-20050118073	06-02-2005	Faer et al.	
	AI*	US-20050244173	09-29-2005	Faer et al.	
	AJ*	US-20050266582	12-01-2005	Modlin et al.	
/AS/	AK*	US-4,626,509	12-02-1986	Lyman	
↓	AL*	US-5,670,329	09-23-1997	Oberhardt	
	AM*	US-6,376,256	04-23-2002	Dunnington et al.	
	AN*	US-6,496,369	12-17-2002	Nakamura et al.	
/AS/	AO*	US-6,827,831	12-07-2004	Chow et al.	
	AP*	US-7,390,457	06-24-2008	Schembri	
/AS/	AQ*	US-7,133,726	11-07-2006	Atwood et al.	
/AS/	AR*	US-3,252,331	05-24-1966	Lancaster	
/AS/	AS*	US-20060183171	08-17-2006	Schellenberger et al.	

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Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
/AS/	BA	JP-2001-211873	08-07-2001	Mitsubishi Chemicals Corp.		
↓	BB	JP-2000-88863	03-31-2000	Nippon Laser Denshi KK		
	BC	JP-2000-287670	10-17-2000	Kaken Kogyo:KK		
	BD	JP-2002-27984	01-29-2002	Mitsubishi Chemicals Corp.		
/AS/	BE	JP-2000-28623	01-28-2000	Aloka Co Ltd.		
	BF	JP-2002-189032	07-05-2002	Furuno Electric Co Ltd;		
				Kainosu: KK		
/AS/	BG	WO-91/13335	09-05-1991	Immunodiagnostics Inc.		

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/AS/	AT*	US-4,659,677	04-21-1987	Glover et al.	
	AU*	US-4,722,515	02-02-1988	Ham	
	AV*	US-4,869,114	09-26-1989	Kido et al.	
	AW*	US-5,041,266	08-20-1991	Fox	
	AX*	US-5,204,268	04-20-1993	Matsumoto	
	AY*	US-5,443,791	08-22-1995	Cathcart et al.	
	AZ*	US-7,211,148	05-01-2007	Bryning et al.	
	AA1*	US-6,849,127	02-01-2005	Vann et al.	
/AS/	AB1*	US-6,579,367	06-17-2003	Vann et al.	
	AC1*	US-2005/0220675	10-06-2005	Rood et al.	
/AS/	AD1*	US-451188	09-17-2002	Sundberg et al.	
	AE1*	US-6,858,185	02-22-2005	Kopf-Sill et al.	
	AF1*	US-6,841,193	01-11-2005	Yang et al.	
	AG1*	US-6,660,367	12-09-2003	Yang et al.	
	AH1*	US-6,632,629	10-14-2003	Yang et al.	
	AI1*	US-6,551,836	04-22-2003	Chow et al.	
	AJ1*	US-6,509,059	01-21-2003	Yang et al.	
	AK1*	US-6,495,369	12-17-2002	Kercso et al.	
/AS/	AL1*	US-6,447,661	09-10-2002	Chow et al.	

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/AS/	BH	JP-2001-083163	03-30-2001	Fuji Photo Film Co Ltd.		
	BI	WO-97/37036-A1	10-09-1997	Genencor Int		
	BJ	EP-1155742-A2	11-21-2001	Genetix Ltd		
	BK	EP-0882593-A1	12-09-1998	Xerox Corp		
	BL	JP-02 241539-A	09-26-1990	Seiko Instr Inc		
/AS/	BM	WO-96/04547-A1	02-15-1996	Lockheed Martin Energy Sys Inc et al.		

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/AS/	AM1*	US-6,326,083	12-04-2001	Yang et al.	
	AN1*	US-6,274,089	08-14-2001	Chow et al.	
	AO1*	US-6,149,787	11-21-2000	Chow et al.	
	AP1*	US-6,132,685	10-17-2000	Kercso et al.	
	AQ1*	US-4,678,894	07-07-1987	Shafer	
	AR1*	US-4,873,633	10-10-1989	Mezei et al.	
	AS1*	US-5,869,006	02-09-1999	Fanning et al.	
	AT1*	US-6,215,894	04-10-2001	Zeleny et al.	
	AU1*	US-6,468,761	10-22-2002	Yang et al.	
/AS/	AV1*	US-5,880,071	03-09-1999	Parce et al.	

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
/AS/	CA	Hidenori NAGAI et al., "High-throughput PCR in silicon based microchamber array," 16 Biosensors & Bioelectronics 1015-19 (2001).	
	CB	Hidenori NAGAI et al., "Development of a Microchamber Array for Picoliter PCR," 73 Anal. Chem. 73, 1043-47 (2001).	
/AS/	CC	Adam Steel et al, The Flow-Thru Chip™: A Three-Dimensional Biochip Platform, in Microarray Biochip Technology 87-117 (Mark Schena ed. 2000).	
	CD	Ausubel, et al., "Current Protocols in Molecular Biology," iii-xii (1987).	
	CE	S Birn et al., "Genome Analysis: A Laboratory Manual" v-xiv (1999).	
/AS/	CF	de Macario et al., "Slide Immunoassay for Human IgE(SIA-IgE)," 90 J. Immunological Methods 137-41 (1986).	
	CG	Sambrook, et al., "Molecular Cloning: A Laboratory Manual," xi-xxviii (2d ed. 1989).	
	CH	Gait, "Oligonucleotide Synthesis: A Practical Approach," vii-xiii (1984).	
	CI	Mannatis et al., "Molecular Cloning: A Laboratory Manual" v-x (1982).	
/AS/	CJ	Taylor et al., "Optimization of the Performance of the Polymerase Chain Reaction in Silicon-Based Microstructures," 25(15) Nucleic Acids Research 3164-68 (1997).	

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/AS/	CK	Gregory G. Lennon, "High-throughout gene expression analysis for drug discovery", 5(2) Drug Discovery Today 59-66 (Feb. 2000).	
	CL	ECKSTEIN, "Oligonucleotides and Analogues: A Practical Approach" ix-xvii (1994).	
/AS/	CM	Elizabeth Zubritsky, "Spotting a microarray system," 4(5) Modern Drug Discovery 59 (May 2001).	
	CN	Birren et al., "Genome Analysis: A Laboratory Manual" x-xii (1999).	

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